

CLAIMS

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What is claimed is:

1. A mouse device with multimedia hotkeys comprising:
  - a mouse body;
  - 5 a plurality of input portions for detecting movement of the mouse body and selecting computer functions by depressing the input portions;
  - a mouse motion tracking mechanism for moving the mouse body;
  - a circuit board for controlling operations of the mouse device;
  - 10 a periphery interface for transmitting data processed by the circuit board to a computer; and
  - at least one multimedia hotkey mounted on the mouse body; wherein when the multimedia hotkey is depressed, the data will be encoded by the circuit board and transmitted to the computer through the periphery interface, thereafter an associated multimedia program is executed.
2. The mouse device of claim 1 wherein the input portion comprises at least one general function key.
- 20 3. The mouse device of claim 1 wherein input portion further comprises a wheel axis.
4. The mouse device of claim 1 wherein the mouse motion tracking mechanism is a wheel ball with IR\_PTR function, or an optical lens and sensor.
- 25 5. The mouse device of claim 1 wherein the periphery interface is a serial type, PS2, or USB connector.
- 30 6. The mouse device of claim 1 wherein the periphery interface is a wired or wireless interface.